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# PHOTOGRAPHIC INTERPRETATION REPORT



[REDACTED]

## LU-TA PORT

## CHINA

NPIC/R-249/65

JULY 1965

GROUP 1 EXCLUDED FROM  
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W A R N I N G

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## LU-TA PORT, CHINA

## INTRODUCTION

This is one of a series of reports on Communist Chinese shipyards and port facilities as observed on aerial photography.

Lu-ta Port is located on the southeast coast of Liaotung Peninsula, China, at 38-56N 121-37E (Figure 1). Lu-ta is also known as Talien and Darien.

The rail-served port is the principal terminus of the South Manchurian Railroad. An improved and nearly landlocked natural harbor, the port is separated into 4 main districts: Kan-ching-tzu District; Hsiang-lu-chiao District, Takong District, and Ssu-erh-kou District (Figure 2). The Lu-ta Shipyard, located west of the Takong District, has been reported in this series in NPIC Report R-175/65.

## DESCRIPTION

Comparative analysis reflected in this report is based on photographic missions between

Changes in the Kan-ching-tzu District (Figure 3), located in the northern part of the harbor, include the repair/reconstruction of the superstructure on Pier A, and the addition of 4 vertical POL storage tanks.

Changes in the Hsiang-lu-chiao District (Figure 4), located in the southwestern part of the harbor, include the addition of 5 small buildings in the southern sector and 8 jib cranes on the west pier/mole. A total of approximately 630,000 square feet of land has been reclaimed with earthfill in 3 areas of this district.

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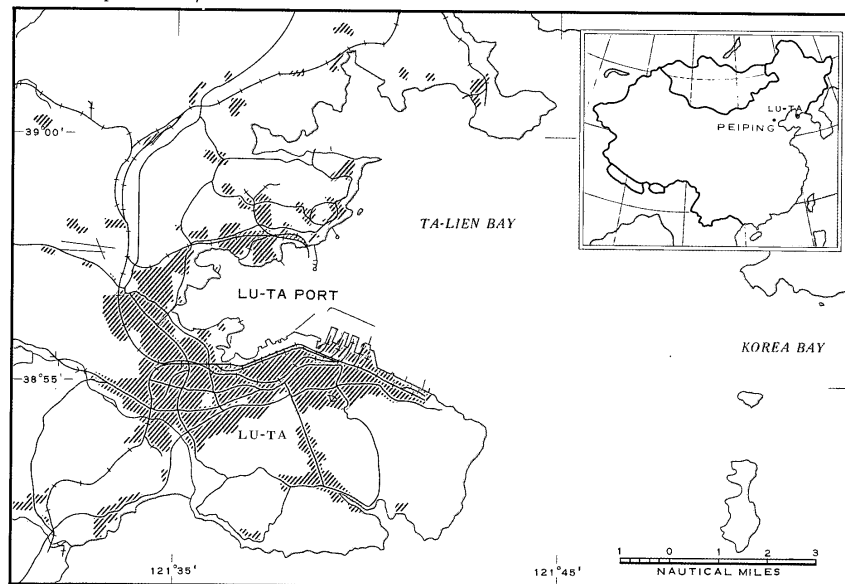


FIGURE 1. LOCATION OF LU-TA, CHINA.

NPIC R-2939 (7/65)

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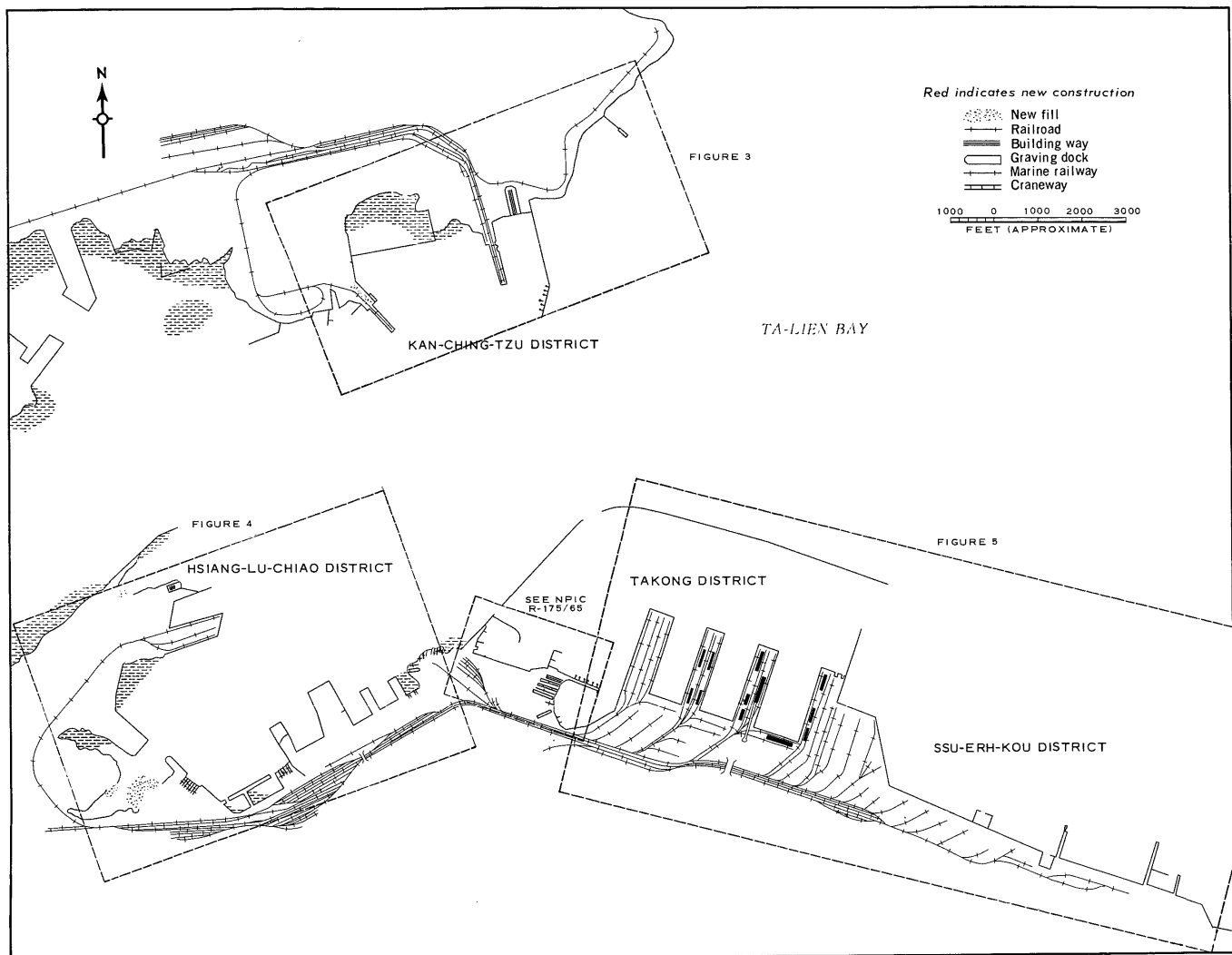


FIGURE 2. LU-TA PORT FACILITIES, LU-TA, CHINA.

NPIC K-2940 (7/7/65)

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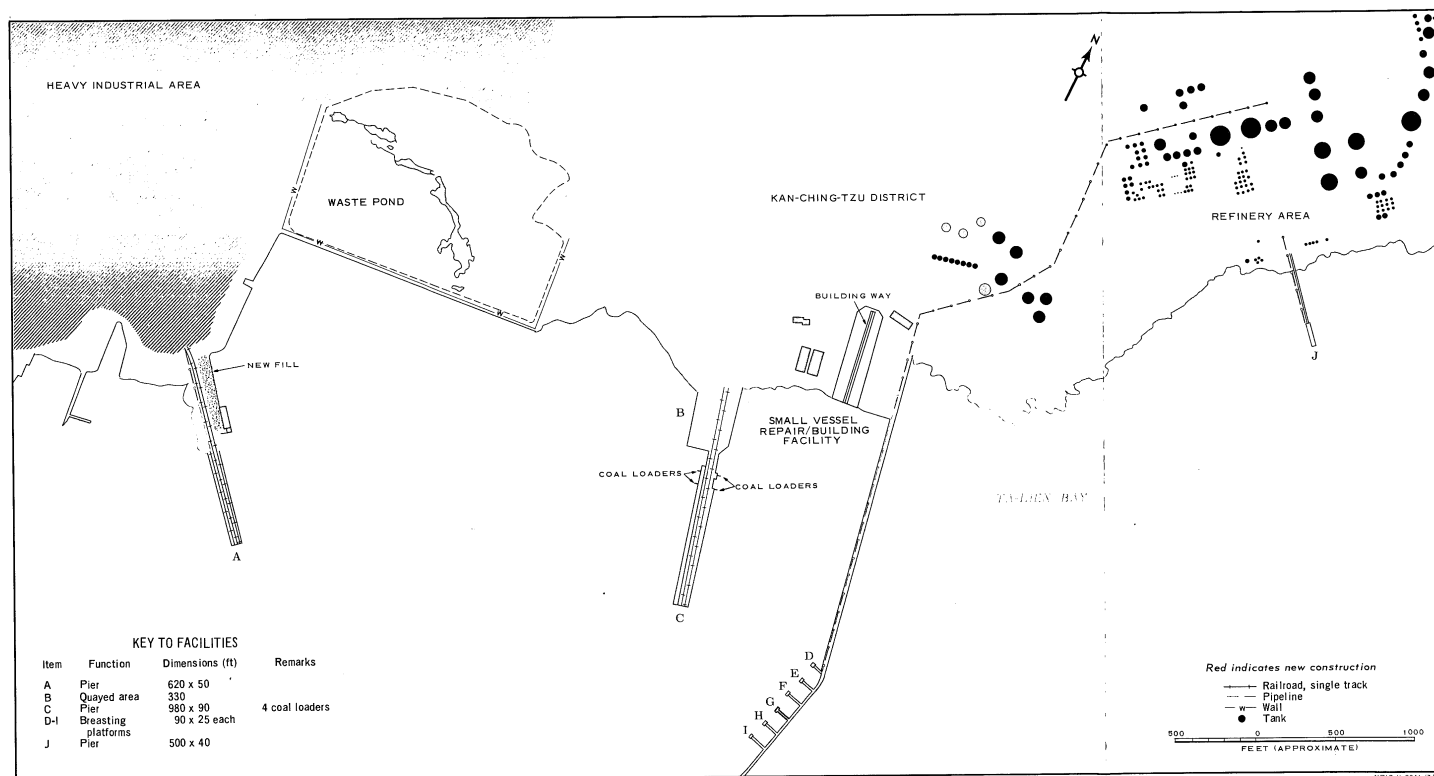


FIGURE 3. KAN-CHING-TZU DISTRICT, LU-TA, CHINA.

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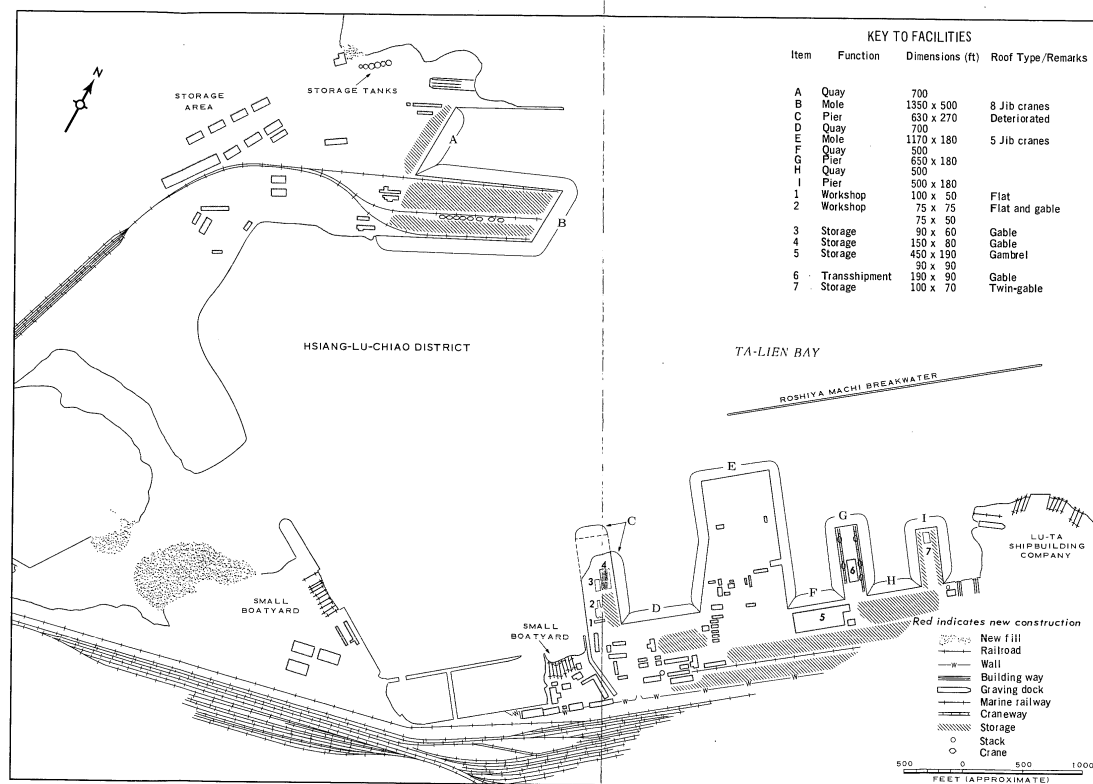


FIGURE 4. HSIANG-LU-CHIAO DISTRICT, LU-TA, CHINA.

NPIC R-2842 (7/85)

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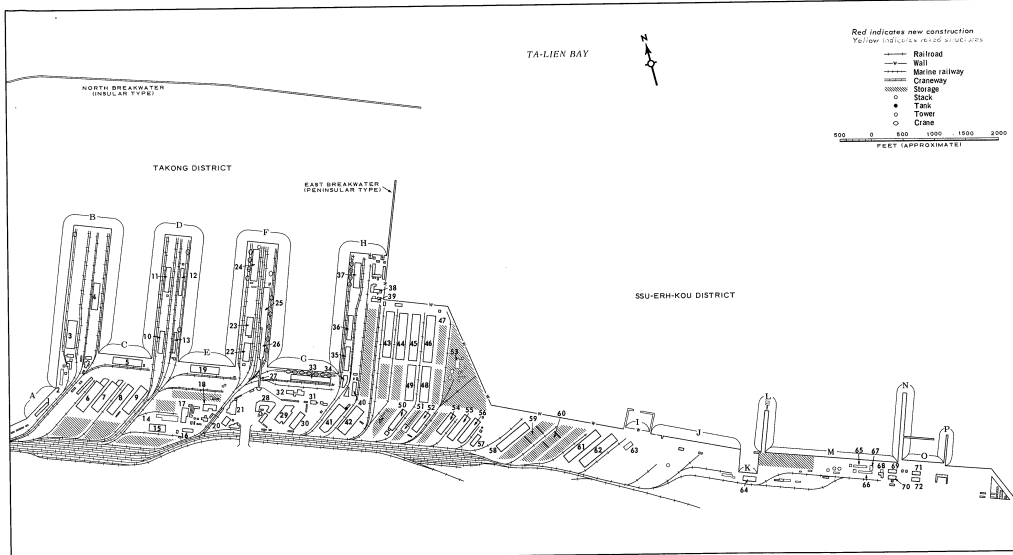


FIGURE 5. TAKONG AND SSU-ERH-KOU DISTRICTS, LU-TA, CHINA.

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## KEY TO FACILITIES

Item	Function	Dimensions (ft)	Remarks	Item	Function	Dimensions (ft)	Remarks
A	Quay	650		29	Storage	350 x 35	Flat with skylights
B	Male	2,275 x 590	1 portal jib crane	30	Storage	395 x 130	Flat with skylights
C	Quay	680		31	Prob steam plant	320 x 45	Flat
D	Male	2,045 x 395	2 portal jib cranes	32	Prob maintenance	220 x 70	Flat and gable
E	Quay	980		33	Transshipment	640 x 95	Flat with skylights
F	Male	1,860 x 420	6 semi-portal jib cranes, 2 possible portal jib cranes, 1 derrick, 2 mechanized passenger gangways, and 1 possible bridge trans-shipment	34	Prob machine shops	150 x 90	Flat and gable
G	Quay	1,115	3 portal jib cranes and 4 semi-portal jib cranes	35	Transshipment	395 x 90	Gable with skylights
H	Male	1,915 x 680	4 semi-portal jib cranes	36	Transshipment	335 x 90	Gabled with skylights
I	Basin Quay	400		37	Transshipment	400 x 115	Flat with skylights
J	Quay	1,470		38	Prob maintenance	140 x 65	Gable
K	Basin Quay	200		39	Prob maintenance	130 x 90	Gable
L	Pier	650 x 45		40	Storage	230 x 80	Gable
M	Quay	2,150		41	Storage	510 x 120	Gable
N	Pier	1,070 x 45		42	Storage	510 x 120	Gable
O	Basin Quay	650		43	Storage	730 x 155	Gambrel
P	Pier	490 x 20		44	Storage	730 x 155	Gambrel
1	Transshipment	260 x 50	Gable	45	Storage	730 x 155	Gambrel
2	Transshipment	240 x 40	Gable	46	Storage	730 x 155	Gambrel
3	Transshipment	435 x 150	Gable with wings	47	Storage	590 x 155	4 bays
4	Transshipment	425 x 130	Gable	48	Storage	540 x 155	Gable with skylights
5	Transshipment	460 x 115	Gable	49	Storage	360 x 130	Gable
6	Storage	330 x 150	Gable with skylights	50	Storage	115 x 90	Gable
7	Storage	330 x 150	Gable with skylights	51	Storage	150 x 70	Flat
8	Storage	330 x 150	Gable with skylights	52	Storage	180 x 120	Gable with skylights
9	Storage	490 x 150	Gable with skylights	53	Storage	450 x 120	Gable with skylights and a possible elevator
10	Transshipment	330 x 90	Gable	54	Prob steam plant U/C		
11	Transshipment	435 x 90	Gable with skylights	55	Prob storage	475 x 120	Gable with skylights
12	Transshipment	330 x 80	Gable with skylights	56	Prob storage	450 x 120	Gable with skylights and a possible elevator
13	Storage	260 x 85	Gable with skylights	57	Unidentified	220 x 70	Gable with skylights and a possible elevator
14	Storage	260 x 85	Gable with skylights	58	Storage	600 x 150	3 bays
15	Storage	150 x 45	Flat	59	Storage bin	600 x 150	3 bays
16	Prob steam plant	150 x 45	Flat	60	Storage	600 x 150	3 bays
17	Storage	150 x 45	Flat	61	Storage	600 x 150	Gable with skylights
18	Prob maintenance	210 x 80	Gable with skylights	62	Storage	600 x 150	Gable with skylights
19	Transshipment	70 x 30	Gable with skylights	63	Storage	150 x 60	Flat
20	Prob passenger terminal	440 x 115	Gable with skylights	64	Unidentified	140 x 60	Gable
21	Prob passenger terminal	440 x 95	Gable with skylights	65	Storage	140 x 60	Gable
22	Transshipment	300 x 115	Gable	66	Storage	140 x 60	Gable
23	Transshipment	300 x 115	Gable	67	Storage	200 x 25	Gable with vents
24	Transshipment	440 x 115	Flat with skylights	68	Prob storage	70 x 30	Gable with vents
25	Transshipment	650 x 115	Flat with skylights	69	Unidentified	70 x 30	Gable with vents
26	Prob passenger receiving	500 x 100	Flat	70	Prob storage	90 x 70	Valley
27	Passenger ramp	180 x 65	Flat				
28	Administration	180 x 65	Flat				

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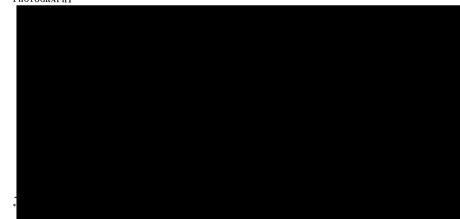
In the Takong District (Figure 5), located in the south-central part of the harbor, 2 probable storage buildings and 1 other building have been constructed.

Comparative analysis in the Sau-erh-kou District (Figure 5), located in the southeastern part of the harbor, reveals new construction of 10 probable storage buildings, 2 vertical POL storage tanks, and a 110-foot pontoon pier ex-

tension. A possible thermal electric power plant consisting of 1 possible generator hall, 1 possible boiler house, 1 earth-covered POL cylindrical storage tank, 3 buildings, 1 large stack, and 1 unidentified tower have all been constructed in the northwestern part of this district. Eighteen probable storage buildings have been razed.

REFERENCES

PHOTOGRAPHY



MAPS

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- ONI. Port Plan 01145, Jun 58 (SECRET)
- DIA. Town Plan 10472, Apr 64 (SECRET)

DOCUMENT

- CIA. NS 39A, Communist China, Section 2, Principal Ports, Supplement 1 (SECRET)

REQUIREMENT

- NSA/P0492/R-64-64 (C)

NPIC PROJECT

- 12037/64 (partial answer)

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